## Quality Control Check Repot. Stage: Before Casting Slab (Villas)

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|---|---|---|---|---|---|
| Block No | 82 | Slab No. | 02 | Sl. No. | 34236 |
| Company | AGH | Project | AVR Gulmohar | Phase | |
| Prepared by | S. Sunil Kumar | Sign | | Date | 20/8/19 |
| Project Manager | Zakir Hussain. | Sign | | Date | 20/8/19 |
| Previous stage report no. | 34166 | | Report filed and signed by PM? | | ☑ Yes ☐ No |
| Checked By MD on | | MD Sign | | For filling | ☐ Yes ☐ No |

Recommendation:

- ☐ Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC.
- ☐ Stop further work. Proceed with work after submitting ATR on QC report to QC team.
- ☑ Proceed with further work only after making corrections pointed out in the QC report. ATR not required.
- ☐ Proceed with further work. ATR not required.

Slab Check.

Notes:

1. Inspection should be done before casting of slab at each stage i.e. when the slab is ready for casting.
2. Prepare Slab Dimensions Check Plan as follows:
   a. Show outer dimensions of slab. (Tolerance 2")
   b. Show length and width of balconies (Tolerance 1")
   c. Show inner dimensions of ducts. (Tolerance 1")
   d. Show location of sunken slab.
   e. Print an A3 size plan.
3. Mid landing height is no. of risers x riser height. Measure from SFL to SFL. Check staircase of lower floor that has been casted.
4. Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

| Slab Dimensions Check Plan enclosed? | | ☑ Yes ☐ No | | |
|---|---|---|---|---|
| Staircase - mid landing1 | Specified ht: 4'-6" | Actual ht: 4'-6" | Within tolerance of ½"? | ☑ Yes ☐ No |
| Staircase - mid landing 2 | Specified ht: 10'-0" | Actual ht: 10'-3" | Within tolerance of ½"? | ☐ Yes ☑ No |
| Staircase width | Specified wd: 6'-6" | Actual wd: 6'-6½" | Within tolerance of ½"? | ☑ Yes ☐ No |
| Staircase slab thickness | Specified: 5" | Actual: 5" | Within tolerance of ¼"? | ☑ Yes ☐ No |

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Quality of centering, rod bending and concreting.

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|---|---|
| Quality of centering, rod bending and concreting? | ☐ Good ☑ Avg. ☐ Bad |
| 18"extension to beam bottom runners on outer side provided? | ☐ Yes ☑ No |
| Quality of Bracing Provided? | ☐ Good ☑ Avg. ☐ Bad |
| Alignment of beams on outer side? | ☐ Good ☑ Avg. ☐ Bad |
| Shuttering leveling? | ☐ Good ☑ Avg. ☐ Bad |
| Column steel overlapping and cranking? (overlapping length should be 45 to 50 D) | ☑ Correct ☐ Needs correction |
| Remarks: | |
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Slab Steel check.

Notes:

1. Mark ✓ for correct or minor mistake which does not require correction
2. Mark ✕ for minor mistake that requires minor correction.
3. Mark ✕✕ for major mistake that requires correction by replacement or re-fixing.
4. Mark ✕✕✕ for major mistake that cannot be corrected.
5. Columns overlapping length should be 45 to 50 D.

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| S No | Item | Quantitative Check (✓ or ✗) | Qualitative Check (Good / Avg. / Bad) |
|---|---|---|---|
| 1. | Steel Check - Beam no of rods | ✓ | ☑ Good ☐ Avg. ☐ Bad |
| 2. | Steel Check - Beam size of bars | ✓ | ☑ Good ☐ Avg. ☐ Bad |
| 3. | Steel Check - Beams Extra Bars | ✓ | ☑ Good ☐ Avg. ☐ Bad |
| 4. | Steel Check - Beams Overlapping & Cranking | ✓ | ☐ Good ☑ Avg. ☐ Bad |
| 5. | Steel Check - Beams Bearing | ✓ | ☐ Good ☑ Avg. ☐ Bad |
| 6. | Covering blocks for beams | ✓ | ☐ Good ☑ Avg. ☐ Bad |
| 7. | Depth and width of beams | ✓ | ☐ Good ☑ Avg. ☐ Bad |
| 8. | Steel Check - Slab size of bars | ✓ | ☑ Good ☐ Avg. ☐ Bad |
| 9. | Steel Check - Slab spacing of bars | ✓ | ☐ Good ☑ Avg. ☐ Bad |
| 10. | Steel Check - Slab cranking & chairs | ✓ | ☐ Good ☑ Avg. ☐ Bad |
| 11. | Steel Check - Slab Extra Bars | ✓ | ☐ Good ☑ Avg. ☐ Bad |
| 12. | Covering blocks for slab | ✓ | ☑ Good ☐ Avg. ☐ Bad |
| 13. | Steel Check - Column steel overlapping length and cranking | ✓ | ☑ Good ☐ Avg. ☐ Bad |
| 14. | Electrical Conducting | ✓ | ☐ Good ☑ Avg. ☐ Bad |
| 15. | Steel check – floating columns | ~ | ☐ Good ☐ Avg. ☐ Bad |
| 16. | Steel check – slab extensions/ joints | ~ | ☐ Good ☐ Avg. ☐ Bad |
| Remarks: | | | |
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